

Title:

Wizard For Usage In Real-Time Aggregation
and Scoring in an Information Handling System

First Named Inventor:

Carr, Steven R.

Docket No.:

200316367-1

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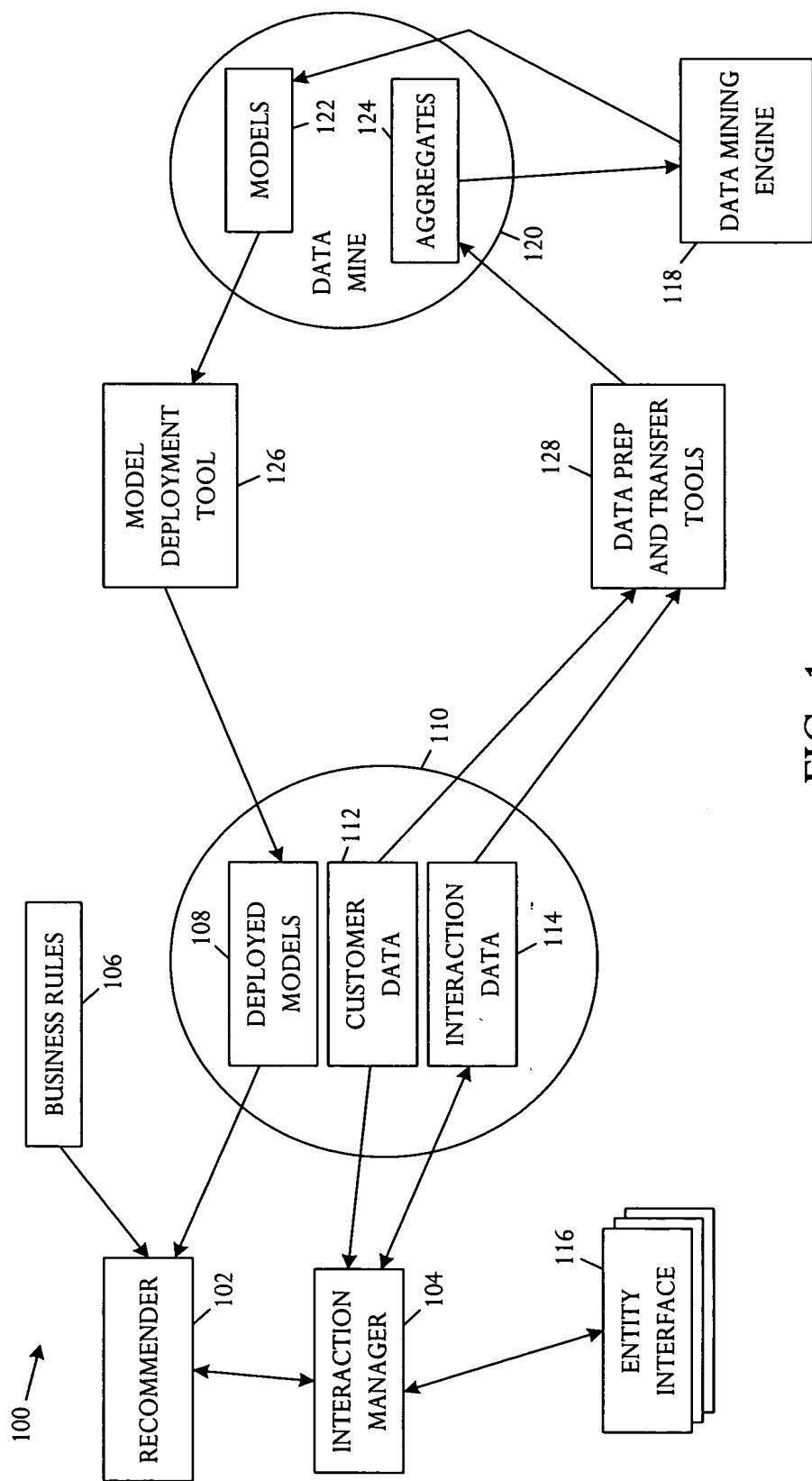


FIG. 1

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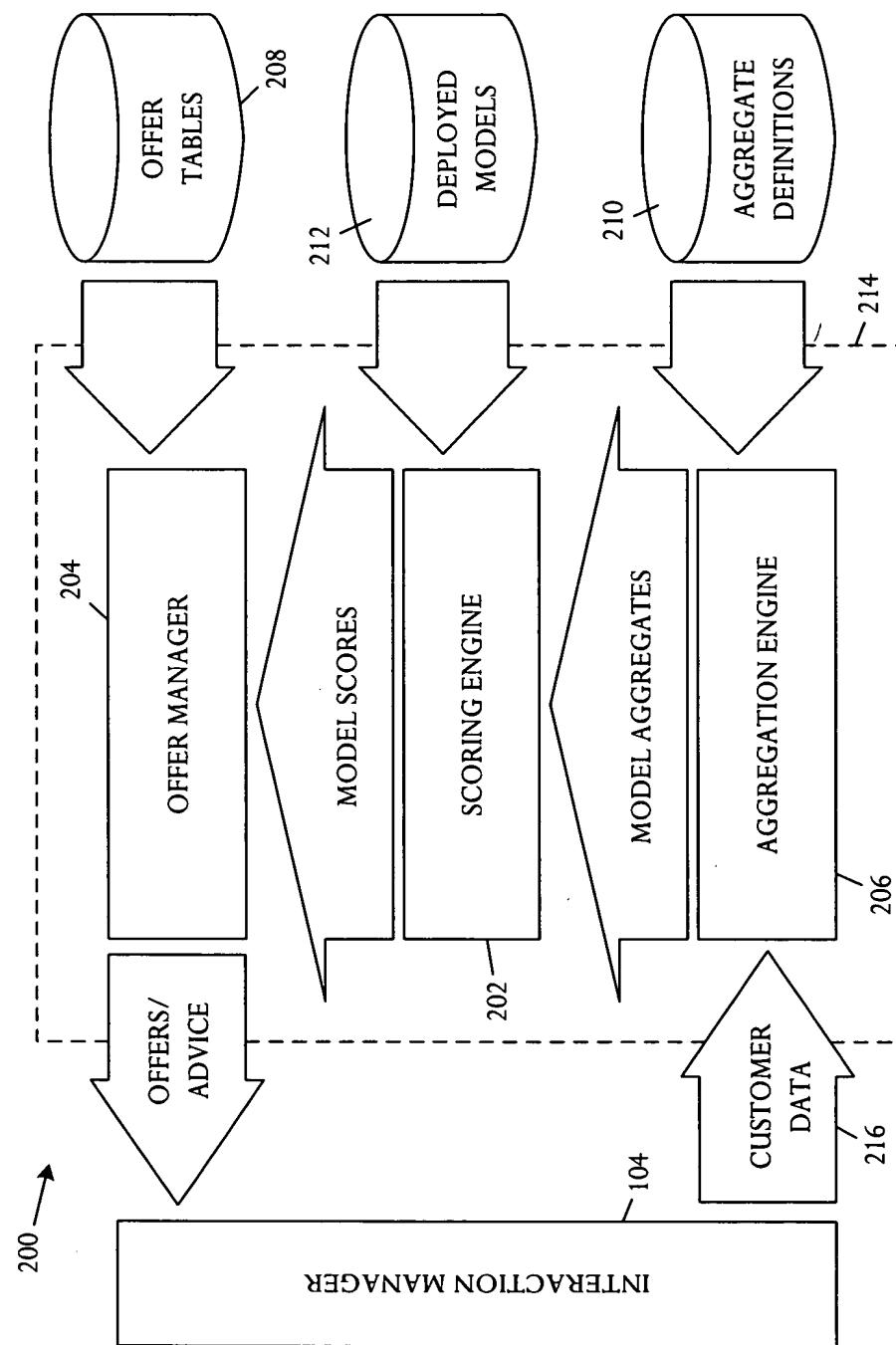


FIG. 2

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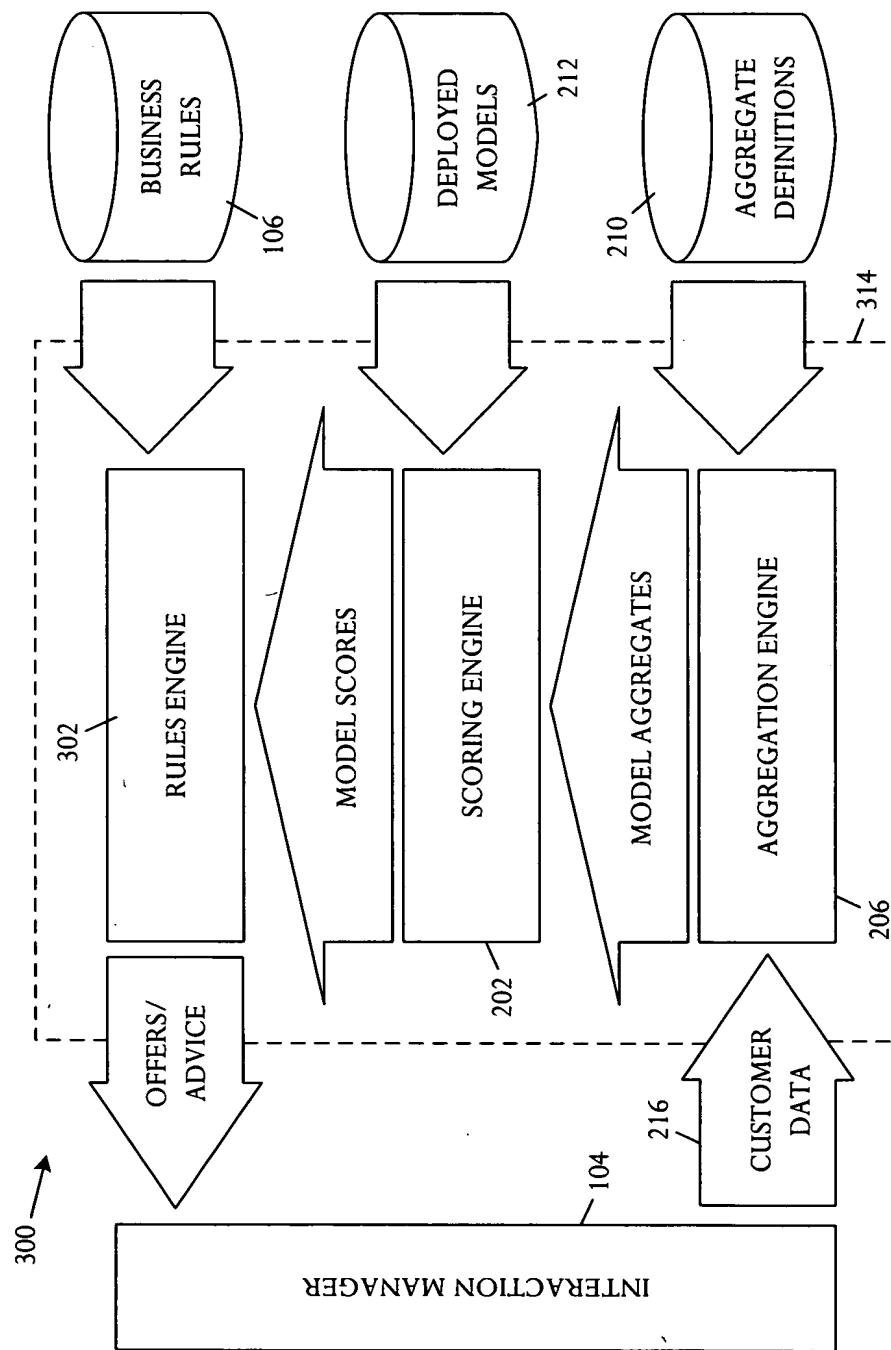


FIG. 3

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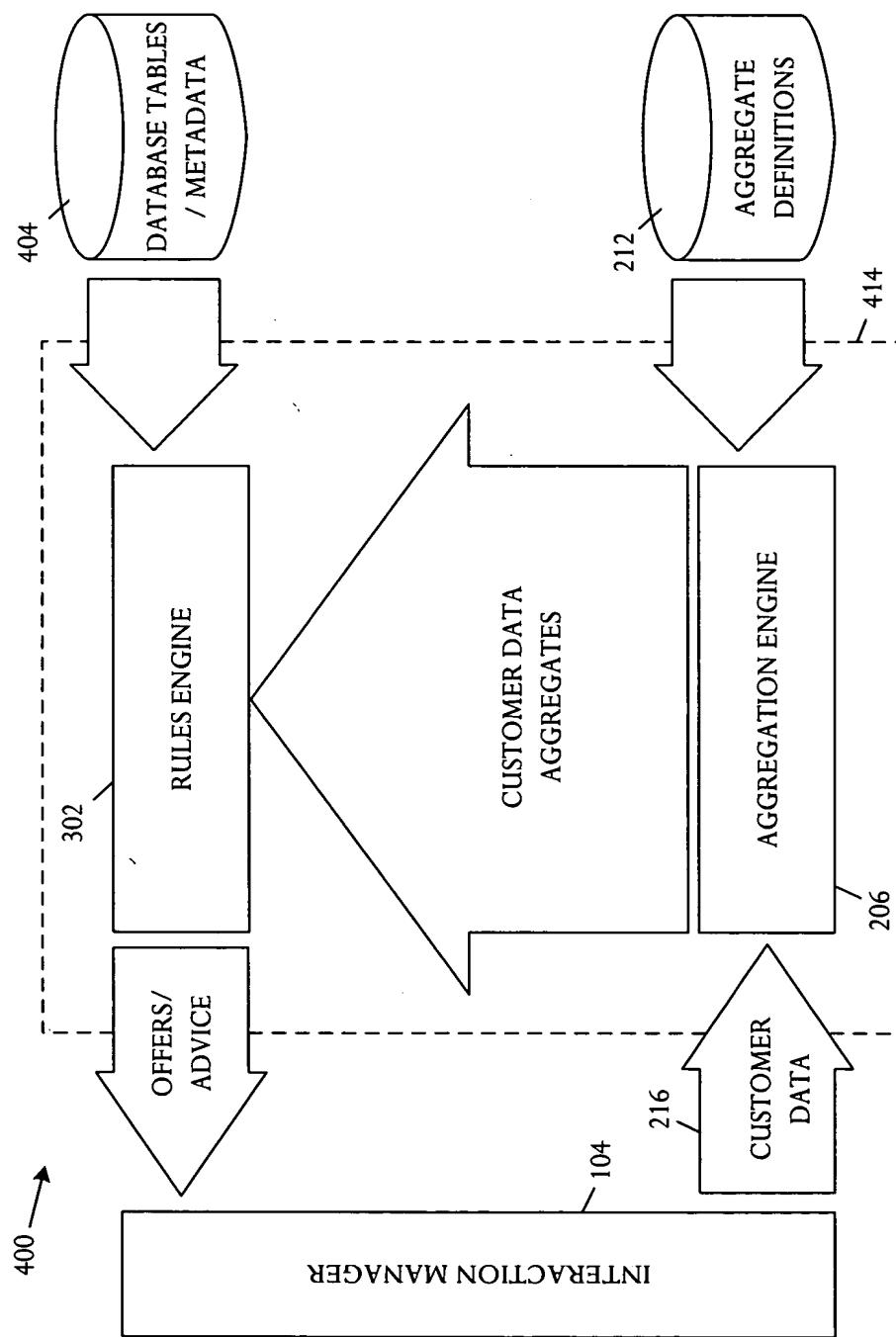


FIG. 4

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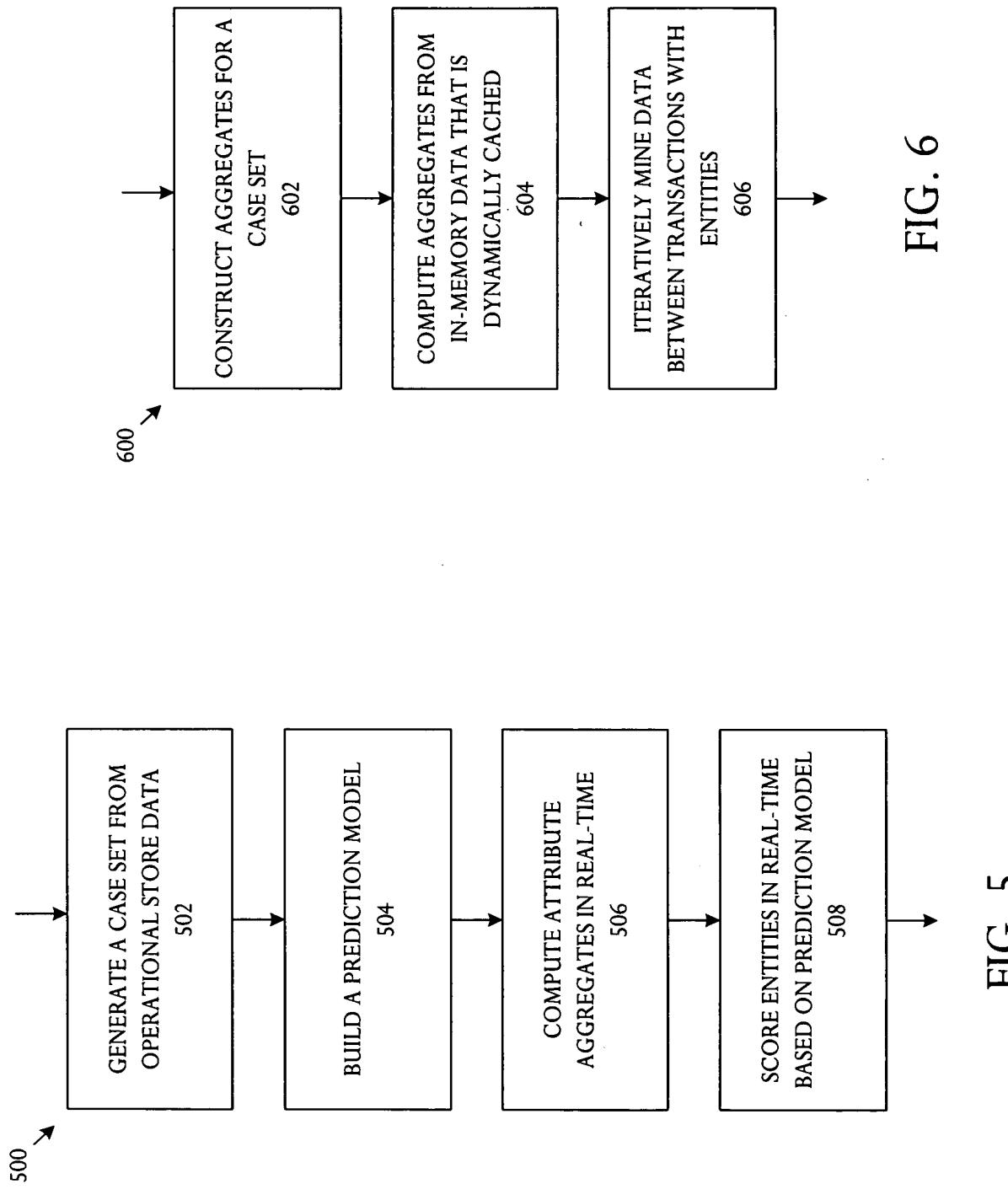


FIG. 5

FIG. 6

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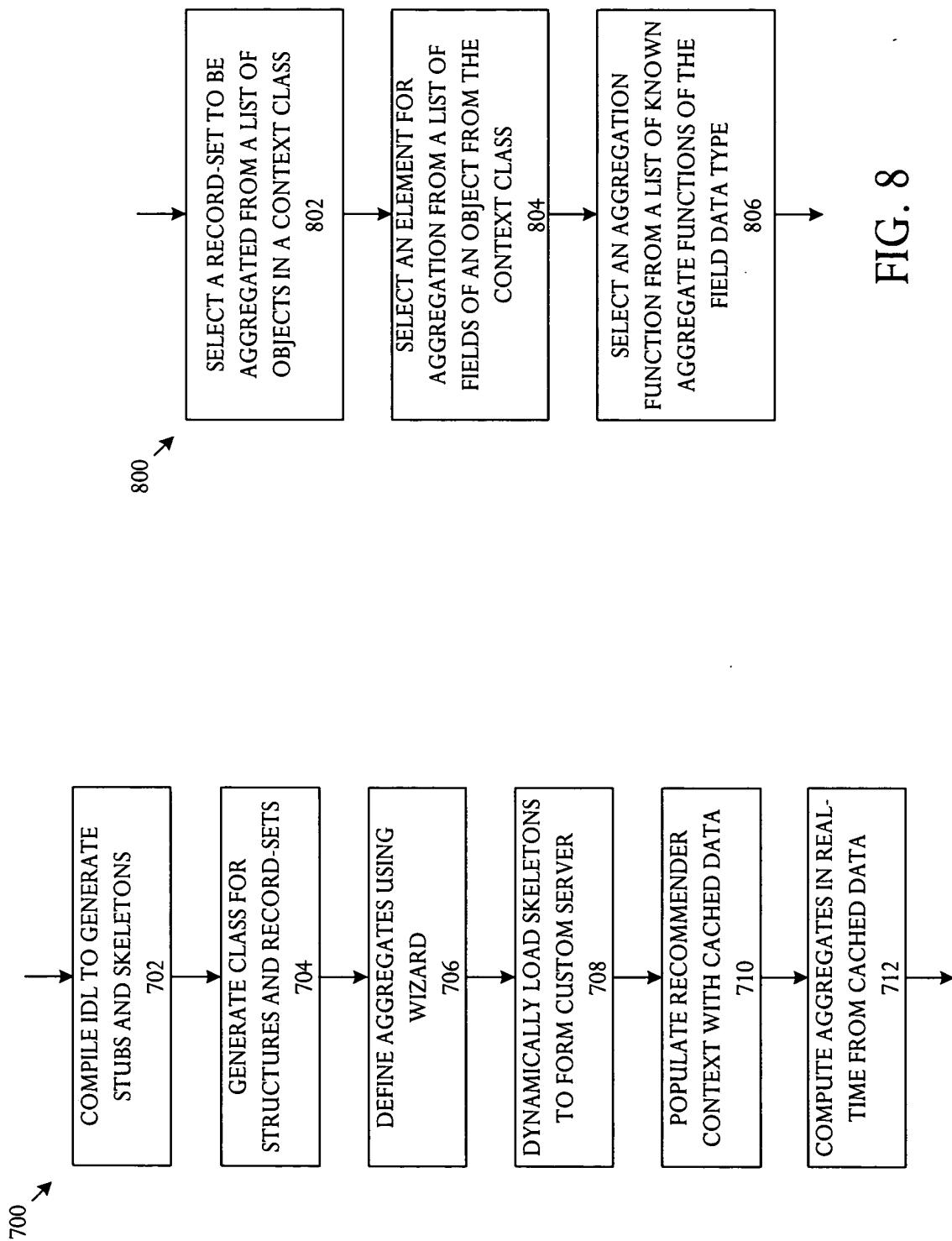


FIG. 7

FIG. 8

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<input checked="" type="checkbox"/> Define aggregate storesRefunded	
Select element	
refundStoreID	
Array refunds	
Elements of retail.Refund	
purchaseAmount	Conversions for java.lang.String
purchaseDate	
purchaseStoreID	
refundAmount	
refundDate	
refundStoreID	
<input type="button" value="Cancel"/>	
<input type="button" value="Previous"/>	
<input type="button" value="Next"/>	

FIG. 9A

<input checked="" type="checkbox"/> Define aggregate storesRefunded	
Select structure	
refunds	
Structures of retail.TotalCustomerView	
demographics	
nameAndAddress	
purchaseAggregates	
purchases	
refunds	
shoppingCart	
<input type="button" value="Cancel"/>	
<input type="button" value="Next"/>	

FIG. 9B

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<input checked="" type="checkbox"/> Define aggregate storesRefunded	
Select condition	
Array refunds	
Element refundStoreID	
Function CountDistinct	
	Elements of retail.Refund
	<none>
	purchaseAmount
	purchaseDate
	purchaseStoreID
	refundAmount
	refundDate
	refundStoreID
	<input type="button"/> Cancel <input type="button"/> Previous <input type="button"/> Next

<input checked="" type="checkbox"/> Define aggregate storesRefunded	
Select or type function	
CountDistinct	
Aggregate functions on	
String	
Count	
CountDistinct	
Max	
Min	
	<input type="button"/> Cancel <input type="button"/> Previous <input type="button"/> Next

FIG. 9C

FIG. 9D

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Define aggregate storesRefunded

Select condition

refundAmount

Array refunds

Element refundStoreID

User Input

Function CountDistinct

Enter a value for refundAmount

50.00

OK Cancel

Elements of retail.Refund

<none>

purchaseAmount

purchaseDate

purchaseStoreID

refundAmount

refundDate

refundStoreID

Cancel Previous Next

FIG. 9E

Define aggregate storesRefunded

Select condition

refundAmount

Array refunds

Element refundStoreID

Function CountDistinct

Elements of retail.Refund

<none>

Conversions & operators for java.lang.Number

=

!=

>

>=

<

<=

purchaseAmount

purchaseDate

purchaseStoreID

refundAmount

refundDate

refundStoreID

Cancel Previous Next

FIG. 9F

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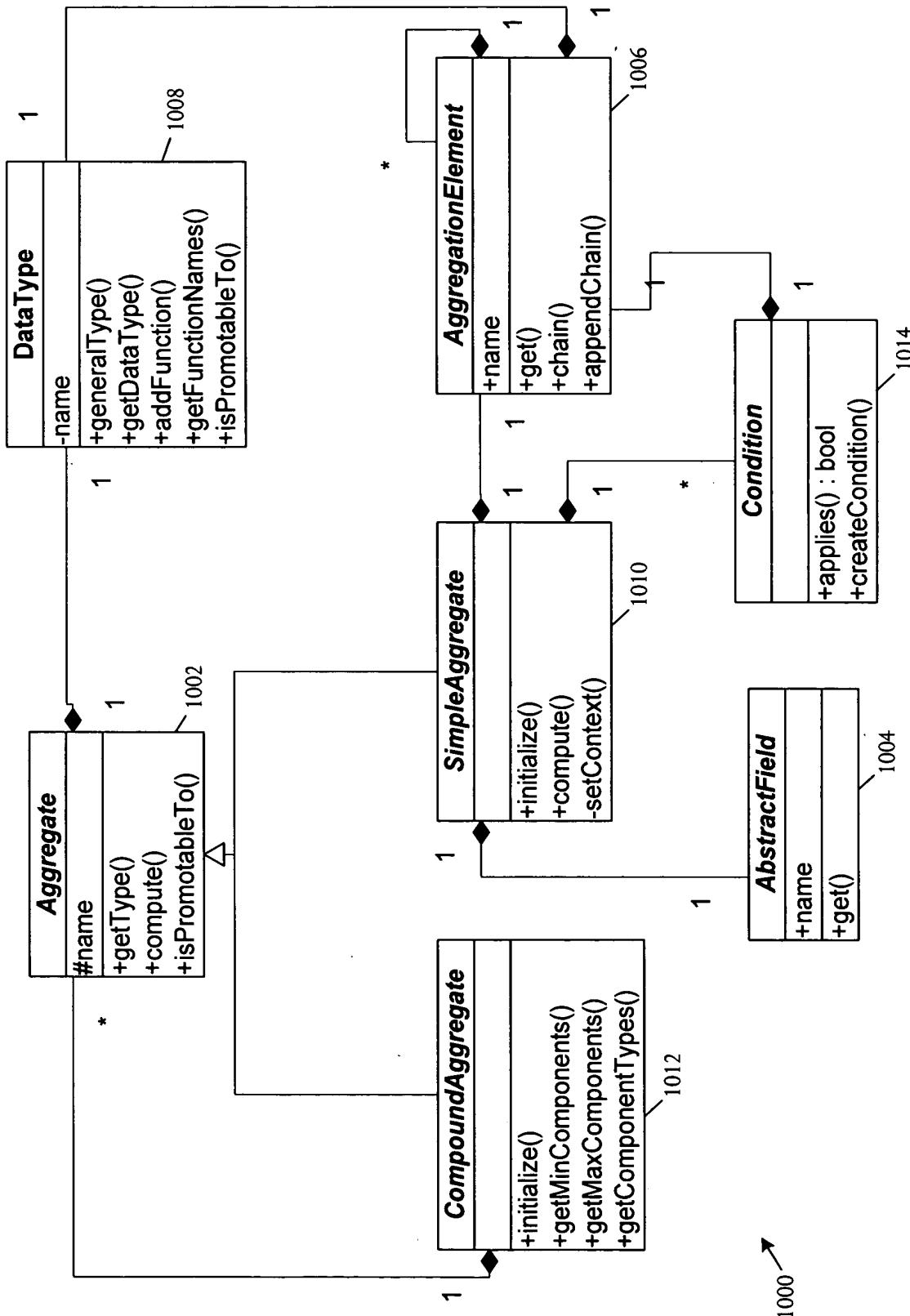


FIG. 10A

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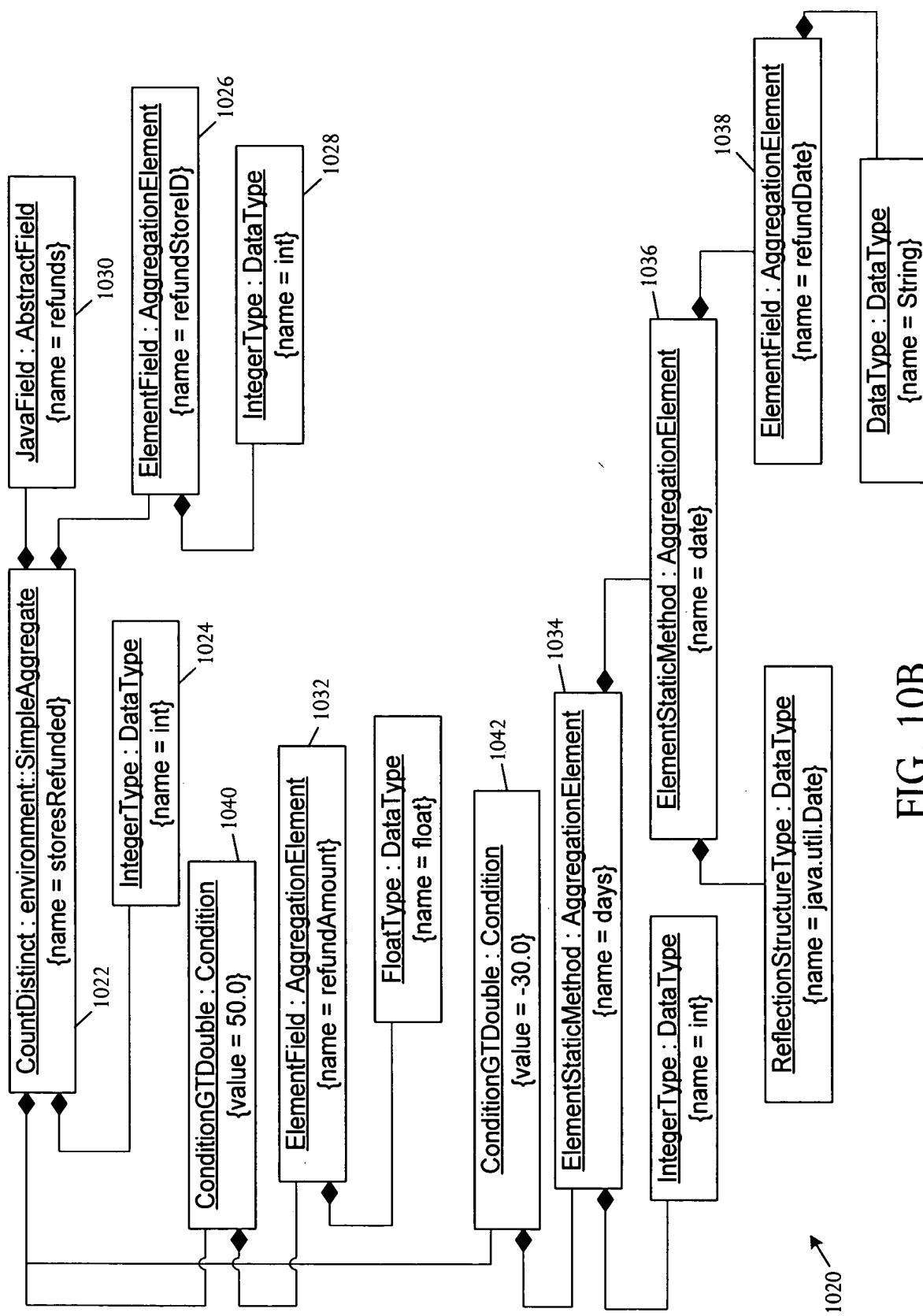


FIG. 10B

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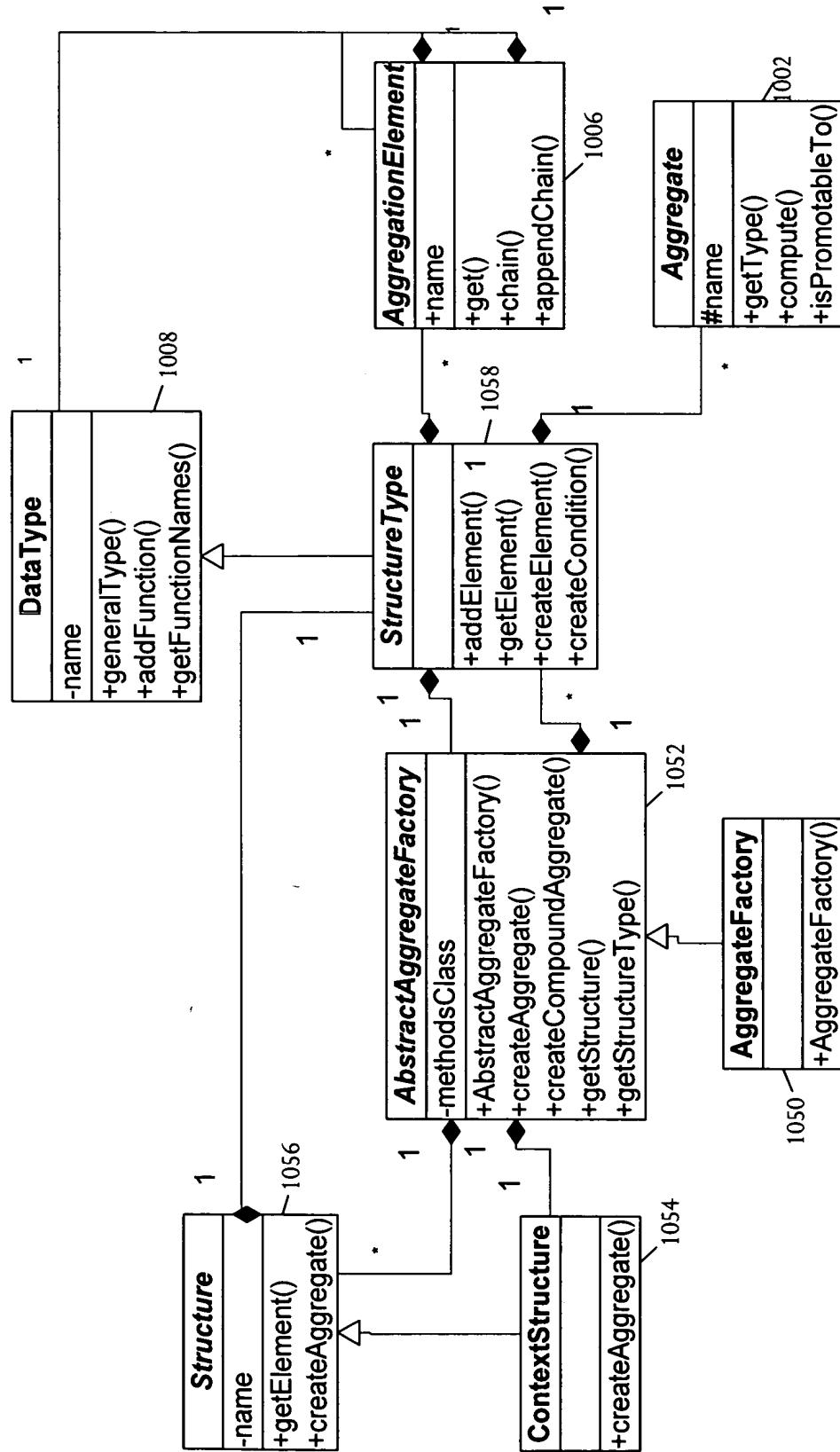


FIG. 10C

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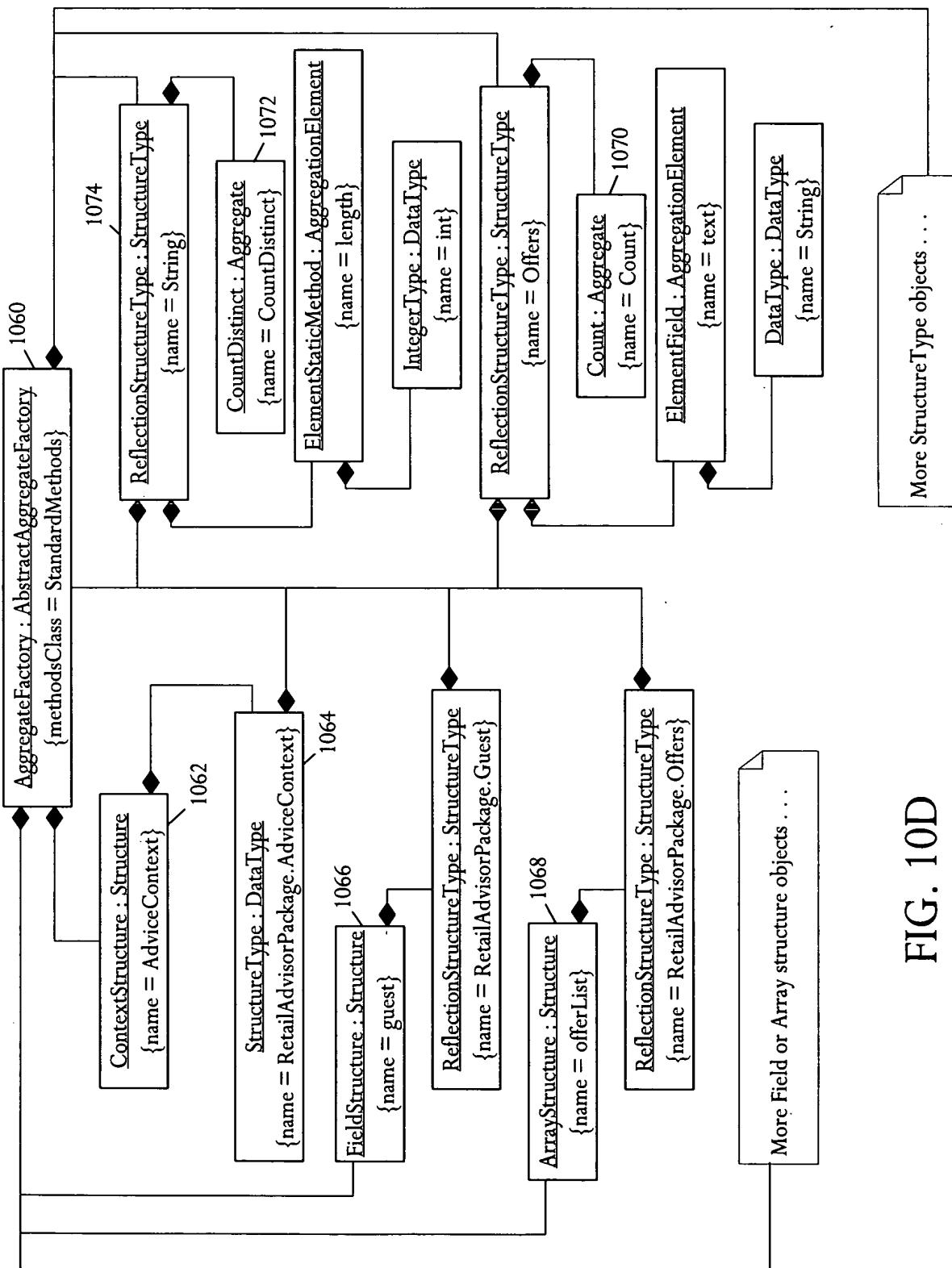


FIG. 10D

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Define aggregate storesRefunded	<input checked="" type="checkbox"/> Select condition <input type="checkbox"/> refundDate
Array refunds	
Element refundStoreID	
Function CountDistinct -	
Condition refundAmount > 50.0	
	Elements of <code>retail.Refund</code>
	Conversions & operators for <code>java.lang.String</code>
	<code>date</code> <code>=</code> <code>!=</code>
<none>	<code>purchaseAmount</code> <code>purchaseDate</code> <code>purchaseStoreID</code> <code>refundAmount</code> <code>refundDate</code> <code>refundStoreID</code>
	<input type="button" value="Cancel"/> <input type="button" value="Previous"/> <input type="button" value="Next"/>

FIG. 11A

FIG. 11B

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Define aggregate storesRefunded <input checked="" type="checkbox"/>	Select condition	refundDate.date.days
Array refunds		
Element ref	User Input <input checked="" type="checkbox"/>	Function C Enter value for refundDate.date.days
Condition	-30	
Elements of retail.Refund	<input type="button" value="OK"/> <input type="button" value="Cancel"/>	
<none>	date	= = = >= = <= <
	purchaseAmount	
	purchaseDate	
	purchaseStoreID	
	refundAmount	
	refundDate	
	refundStoreID	
	<input type="button" value="Cancel"/> <input type="button" value="Previous"/> <input type="button" value="Next"/>	

FIG. 11C

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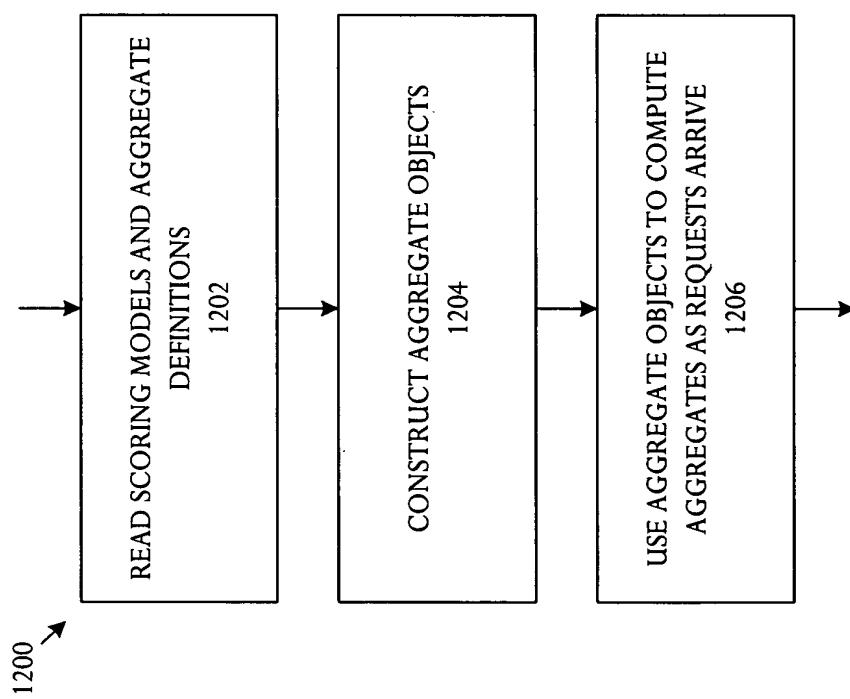


FIG. 12

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Wizard For Usage In Real-Time Aggregation
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<input checked="" type="checkbox"/> Define aggregate purchaseItemsVariance
Select or type function
Variance
Array purchases
Element numberOfItems
Aggregate functions on int
Count CountDistinct Max Mean Min Sum Variance
<input type="button"/> Cancel <input type="button"/> Previous <input type="button"/> Next

<input checked="" type="checkbox"/> Define aggregate purchaseAmountVariance
Select or type function
Variance
Array purchases
Element amount
Aggregate functions on double
Count CountDistinct Max Mean Min Sum
<input type="button"/> Cancel <input type="button"/> Previous <input type="button"/> Next

FIG. 13A

FIG. 13B